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EXAMINER

GHEE, ASHANTI

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/383,981

Applicant(s)

HAYWOOD ET AL.

Examiner

Ashanti Ghee

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 4/7/04.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-12,14-18 and 20-29 is/are pending in the application.
- 4a) Of the above claim(s) 2,8,13 and 19 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-12,14-18 and 20-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 August 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the following communications: RCE filed on 4/7/04.
2. This application has been reconsidered again. Claims 1, 3-7, 9-12, 14-18, 20-29 are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 6, 26, and 27 are rejected under 35 U.S.C. 102(e) as being anticipated by Savitzky et al. (US Patent No. 6,012,083).

Regarding claim 1, Savitzky discloses a method for submitting a document in electronic form to a service bureau for printing comprising the steps of: displaying (showing) plural printer routing options (printer locations read on plural printer routing options), one of the printer routing options (printer locations) being a service bureau (printer agency 60 reads on service bureau) for printing (col. 13, lines 15-28); receiving a print command input (inherent in print a document requested by a user) to the computer (Client A) for printing at the service bureau (60) a document (document 66) stored in memory (storage devices) accessible to the computer (col. 11, lines 48-col. 13, lines 1-14); responsive to the print command, routing the document (document) over the

Internet (www element in Fig. 5) both (col. 5, lines 1-12) to a service bureau (60) or an intermediary (Web server 14 reads on intermediary; see col. 5, lines 1-12) for printing (col. 12, lines 42-col. 13, lines 1-44), comprising; automatically activating a communication browser (which reads on a printer agency 60 rendering print preview for display when a print document request is made by the user; col. 12, lines 42-48) program (document-centric interface) in the computer ("when a user requests via a browser that an HTML document 66 to be printed on printer 62, the user simply sends a request for document 66 to printer agency 60" reads on automatically activating a communication browser program) upon selection of the print command (col. 12, lines 66-col. 13, lines 1-14); and transmitting the document (document) to a server (server A) associated with the service bureau (proxy agent 36 reads on service bureau) or intermediary (Web server 14 reads on intermediary; see col. 5, lines 1-12 and col. 11, lines 48-col. 12, lines 1-10).

Regarding claim 26, Savitzky discloses a storage medium storing a set of program instructions executable on a data processing device and usable to submit a document in electronic form to a service bureau, the set of program instructions comprising; instructions (commands read on instructions; col. 9, lines 37-53) for displaying (showing) plural printer routing options (printer locations read on plural printer routing options; col. 13, lines 15-28); instructions for inputting a selection of one of the printer routing options (printer locations), one of the plural printer routing options (printer locations) being the Internet print request (requests an HTML document to be printed on printer reads on Internet print request; col. 13, lines 1-28); instructions for receiving a

print command input (inherent in print a document requested by a user) to the computer (Client A) for printing at the service bureau (60) a document (document 66) stored in memory (storage devices) accessible to the computer (col. 11, lines 48-col. 13, lines 1-14); instructions for routing the document (document) over the Internet (www element in Fig. 5) both (col. 5, lines 1-12) to a service bureau (60) or an intermediary (Web server 14 reads on intermediary; see col. 5, lines 1-12) for printing (col. 12, lines 42-col. 13, lines 1-44), comprising; instructions for automatically activating a communication browser (which reads on a printer agency 60 rendering print preview for display when a print document request is made by the user; col. 12, lines 42-48) program (document-centric interface) in the computer ("when a user requests via a browser that an HTML document 66 to be printed on printer 62, the user simply sends a request for document 66 to printer agency 60" reads on automatically activating a communication browser program) upon selection of the print command (col. 12, lines 66-col. 13, lines 1-14); instructions for transmitting the document (document) to a server (server A) associated with the service bureau (proxy agent 36 reads on service bureau) or the intermediary (Web server 14 reads on intermediary; see col. 5, lines 1-12 and col. 11, lines 48-col. 12, lines 1-10).

Regarding claim 6, Savitzky discloses the method wherein said receiving the print command includes receiving the print command from within an active application (col. 12, lines 58-col. 13, lines 1-14).

Regarding claim 27, Savitzky discloses the storage medium wherein the set of program instructions further comprises instructions for operating the Internet print

request while an application is active during operation (col. 12, lines 58-col. 13, lines 1-14).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 23 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) as applied to claims 1 and 29 above, in view of Shiohara (US Patent Publication No. US 2003/0011806 A1).

Regarding claim 23, Savitzky does not disclose the printer destinations are selected from at least one of an Internet print shop printer, local network printers and direct network printers. However, Shiohara discloses the method wherein the printer destinations are selected from at least one of an Internet print shop printer, local network printers (the network connection section 29 to the selected printer reads on local network printers) and direct network printers (paragraphs 54-55).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky and Shiohara due to both references disclosing selection of plural printers to provide a system for generating print data in a manner compatible for use by a plurality of printers in a printing system.

Regarding claim 29, Savitzky does not disclose the storage medium wherein the set of program instructions further comprises instructions for selecting an appropriate printer driver that includes at least one of an Internet print shop printer, local network printer, and direct network printer.

However, Shiohara discloses the storage medium wherein the set of program instructions further comprises instructions for selecting an appropriate printer driver that includes at least one of an Internet print shop printer, local network printer(the network connection section 29 to the selected printer reads on local network printers) and direct network printers (paragraphs 54-55).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky and Shiohara due to both references disclosing selection of plural printers to provide a system for generating print data in a manner compatible for use by a plurality of printers in a printing system.

7. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) as applied to claim 1 above, in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) and further in view of Tonkin (US Patent No. 6,134,568).

Regarding claim 7, Savitzky and Shiohara do not disclose the method wherein the active application can be any one of a word processing program, a database program, a graphics program, or a multimedia program.

However, Tonkin discloses the method wherein the active application can be any one of a word processing program, a database program, a graphics program (evident in Java applet), or a multimedia program (col. 5, lines 39-52).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky, Shiohara, and Tonkin due to the references disclosing Internet printing systems to allow a user to preview a document prior to assembly to prevent any miscommunication problems that may arise.

8. Claims 3, 5, and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) as applied to claim 1 above, in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) and further in view of Tonkin (US Patent No. 6,134,568).

Regarding claim 3, Savitzky and Shiohara do not disclose the method, wherein receiving the print command, further comprising: retrieving a print web page from the server, print web page including information identifying plural print job options; displaying the print web page on the computer, the web page including a print job order form; and responsive to a user selection of one or more print job options identified on the print job order form, transmitting the print job order form to the service bureau.

However, Tonkin discloses the method further comprising the steps of: retrieving an Internet print web page (facility's home web page) from the server (processing facility reads on the server; col. 5, lines 53-col. 6, lines 1-8), the Internet print web page

including information identifying plural print job options (col. 7, lines 12-65); displaying the Internet print web page (facility's home web page) on the computer (remote terminal reads on the computer; col. 5, lines 39-67), the Internet web page including a print job order form (col. 13, lines 25-51); and responsive to a user selection of one or more print job options identified on the print job order form, transmitting the print job order form to the service bureau (col. 13, lines 13-41).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky, Shiohara, and Tonkin due to the references disclosing Internet printing systems to allow a user to preview a document prior to assembly to prevent any miscommunication problems that may arise.

Regarding claim 5, Savitzky discloses the method wherein the print job options include service bureau location (col. 11, lines 1-21).

Regarding claim 10, Savitzky and Shiohara do not disclose the method further comprising receiving an acknowledgment that the document has been submitted to the service bureau for printing.

However, Tonkin discloses the method further comprising the step of receiving an acknowledgment that the document has been submitted to the service bureau for printing (col. 14, lines 24-29).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky, Shiohara, and Tonkin due to the references disclosing Internet printing systems to allow a user to

preview a document prior to assembly to prevent any miscommunication problems that may arise.

9. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) and Tonkin (US Patent No. 6,134,568) as applied to claim 3 above and further in view of Cheng et al. (US Patent No. 6,012,070).

Regarding claim 4, Savitzky, Shiohara, and Tonkin do not disclose the method wherein the server is an intermediary server, and transmitting the print job order form includes transmitting the print job order form by the way of the server to a server of the service bureau.

However, Cheng discloses the method wherein the server is an intermediary server, and transmitting (transmission) the print job order form (print order contracts read on print job order form) includes transmitting (transmission) the print job order form (print order contracts) by the way of the server (server station 100) to a server (customer service station 105) of the service bureau (production station 106 reads on the service bureau; col. 9, lines 44-col. 11, lines 1-11).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky, Shiohara, Tonkin, and Cheng due to all references disclosing an Internet printing system to allow simple yet professional looking creation of customized business forms or brochures and provide transmission of those forms or brochures to a printing facility.

10. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) as applied to claim 1 above in view of Cheng et al. (US Patent No. 6,012,070).

Regarding claim 9, Savitzky does not disclose the method wherein another of the printer routing options is a direct-networked printer.

However, Cheng discloses the method wherein another of the printer routing options is a direct-networked printer (col. 5, lines 46-col. 6, lines 1-2).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky and Cheng due to all references disclosing an Internet printing system to allow simple yet professional looking creation of customized business forms or brochures and provide transmission of those forms or brochures to a printing facility.

11. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) as applied to claim 1 above in view of Bellucco et al. (US Patent No. 5,524,085).

Regarding claim 11, Savitzky does not disclose the method wherein the document includes multimedia content.

However, Bellucco discloses the method wherein the document includes multimedia content (col. 4, lines 23-col. 5, lines 1-14).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky and Bellucco due to the references disclosing printing systems to provide additional space with a job-ticket containing special instructions.

12. Claims 12 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonkin (US Patent No. 6,134,568) in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) further in view of Savitzky et al. (US Patent No. 6,012,083).

Regarding claim 12, Tonkin discloses a computing machine comprising: a computer (remote terminal) controlled by software modules (inherent in client terminal having software modules; col. 5, lines 28-col. 6, lines 1-20); a first module (inherent in processing facility 16) to sense an Internet print request (monitors for requests reads on sense an Internet print request; col. 5, lines 39-67); and a second module (inherent in processing facility 16) to automatically launch a communications program ("an initial document creation window and a Java applet which can be executed on a remote terminal to enable a user to preview a specified document" reads on automatically activating a communication browser program; col. 5, lines 39-col. 6, lines 1-20) module (document creation window) to access a server (inherent within the document production location) associated with both (col. 3, lines 40-col. 4, lines 1-24) a service bureau at a predefined address (processing facility routes a message addressed to that document production location reads on predefined message; col. 3, lines 41-col. 4, lines 1-24) or an intermediary (processing facility 60 reads on intermediary; col. 3, lines 40-

col. 4, lines 1-24), the server providing a browser with a print order form (col. 5, lines 39- col. 6, lines 1-20); a third module (graphical user interface) to display the print order form (order information reads on the print order form; col. 6, lines 1-63); and a fourth module (inherent in processing facility 16) to transmit print order data and a document to be printed to the server providing the browser with the print order form (col. 6, lines 1-63).

Although Tonkin does not specifically disclose the computer controlled by modules selects the appropriate printer destinations, Shiohara discloses wherein the computer (personal computer) controlled by modules (execution modules read on modules) selects the appropriate printer destinations (listed printers based on print contents and so on read on the appropriate printer destinations; paragraph 47 and paragraphs 72-73).

Although Tonkin and Shiohara do not disclose the first module displaying plural printer routing options, Savitzky discloses the first module displaying (showing) plural printer routing options (printer locations read on plural printer routing options), one of the printer routing options (printer locations) being the Internet print request (requests an HTML document to be printed on printer reads on Internet print request; col. 13, lines 1-28).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Shiohara, and Savitzky due to all of the references disclosing Internet printing systems to allow for

general agent execution at a locus specified by the user independently of the server or client which might be used.

Regarding claim 18, Tonkin discloses a computer readable medium to control a computer and having modules stored therein, the media comprising: a first module (inherent in processing facility 16) to sense an Internet print request (monitors for requests reads on sense an Internet print request; col. 5, lines 39-67); and a second module (inherent in processing facility 16) to launch a communications program ("an initial document creation window and a Java applet which can be executed on a remote terminal to enable a user to preview a specified document" reads on automatically activating a communication browser program; col. 5, lines 39-col. 6, lines 1-20) module (document creation window) to access a server (inherent within the document production location) associated with both (col. 3, lines 40-col. 4, lines 1-24) a service bureau at a predefined address (processing facility routes a message addressed to that document production location reads on predefined message; col. 3, lines 41-col. 4, lines 1-24) or an intermediary (processing facility 60 reads on intermediary; col. 3, lines 40-col. 4, lines 1-24), the server providing a browser with a print order form (col. 5, lines 39-col. 6, lines 1-20); a third module (graphical user interface) to display the print order form (order information reads on the print order form; col. 6, lines 1-63); and a fourth module (inherent in processing facility 16) to transmit print order data and a document to be printed to the server providing the browser with the print order form (col. 6, lines 1-63).

Although Tonkin does not specifically disclose the computer controlled by the modules selects the appropriate printer destination, Shiohara discloses wherein the computer (personal computer) controlled by the modules (execution modules read on modules) selects the appropriate printer destination (listed printers based on print contents and so on read on the appropriate printer destinations; paragraph 47 and paragraphs 72-73).

Although Tonkin and Shiohara do not disclose the first module displaying plural printer routing options, Savitzky discloses the first module displaying (showing) plural printer routing options (printer locations read on plural printer routing options), one of the printer routing options (printer locations) being the Internet print request (requests an HTML document to be printed on printer reads on Internet print request; col. 13, lines 1-28).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Shiohara, and Savitzky due to all of the references disclosing Internet printing systems to allow for general agent execution at a locus specified by the user independently of the server or client which might be used.

13. Claims 15-16, 21, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonkin (US Patent No. 6,134,568) as applied to claims 12 and 18 above in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) further in view of Savitzky et al. (US Patent No. 6,012,083).

Regarding claim 15, Tonkin and Savitzky do not disclose the machine wherein said first module is for sensing print requests for direct networked printers.

However, Shiohara discloses the machine wherein said first module (print request router 26 reads on first module) is for sensing print requests (print request reads on print requests) for direct (see Fig. 2) networked (network connection section 29) printers (printers read on printers; paragraph 28 and paragraphs 47-55).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Shiohara, and Savitzky due to all of the references disclosing Internet printing systems to allow for general agent execution at a locus specified by the user independently of the server or client which might be used.

Regarding claim 16, Tonkin discloses the machine further comprising an applications module (graphical user interface) which is active when during operation of said first and second modules (col. 6, lines 22-col. 7, lines 1-11).

Regarding claim 22, Tonkin discloses the computer readable medium the applications module can be any one of a word processing program, a database program, a graphics program (Java applet), or a multimedia program (col. 5, lines 39-52).

Regarding claim 24, Tonkin and Savitzky do not disclose the machine wherein the printer destinations are selected from at least one of an Internet print shop printer, local network printers and direct network printers. However, Shiohara discloses the method wherein the printer destinations are selected from at least one of an Internet

print shop printer, local network printers (the network connection section 29 to the selected printer reads on local network printers) and direct network printers (paragraphs 54-55).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Savitzky, and Shiohara due to all of the references disclosing Internet printing systems to provide a system for generating print data in a manner compatible for use by a plurality of printers in a printing system.

Regarding claim 25, Tonkin and Savitzky do not disclose the machine wherein the printer destinations are selected from at least one of an Internet print shop printer, local network printers and direct network printers. However, Shiohara discloses the method wherein the printer destinations are selected from at least one of an Internet print shop printer, local network printers (the network connection section 29 to the selected printer reads on local network printers) and direct network printers (paragraphs 54-55).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Savitzky, and Shiohara due to all of the references disclosing Internet printing systems to provide a system for generating print data in a manner compatible for use by a plurality of printers in a printing system.

14. Claims 17 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonkin (US Patent No. 6,134,568) as applied to claims 16 and 21 above in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) further in view of Savitzky et al. (US Patent No. 6,012,083).

Regarding claim 17, Tonkin discloses the machine wherein the applications module can be any one of a word processing program, a database program, a graphics program (Java applet), or a multimedia program (col. 5, lines 39-52).

Regarding claim 21, Tonkin discloses the computer readable medium further comprising an applications module (graphical user interface) which is active when during operation of said first and second modules (col. 6, lines 22-col. 7, lines 1-11).

15. Claims 14 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonkin (US Patent No. 6,134,568) as applied to claims 12 and 18 above in view of Shiohara (US Patent Publication No. US 2003/0011806 A1) further in view of Savitzky et al. (US Patent No. 6,012,083) further in view of Bellucco et al. (US Patent No. 5,524,085).

Regarding claim 14, Tonkin, Shiohara, and Savitzky do not disclose the machine wherein the document to be printed includes multimedia content.

However, Bellucco discloses the machine wherein the document to be printed includes multimedia content (col. 4, lines 23-col. 5, lines 1-14).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Shiohara,

Savitzky, and Bellucco due to the references disclosing printing systems to provide additional space with a job-ticket containing special instructions.

Regarding claim 20, Tonkin, Shiohara, and Savitzky do not disclose the computer readable medium wherein the document to be printed includes multimedia content.

However, Bellucco discloses the computer readable medium wherein the document to be printed includes multimedia content (col. 4, lines 23-col. 5, lines 1-14).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Tonkin, Shiohara, Savitzky, and Bellucco due to the references disclosing printing systems to provide additional space with a job-ticket containing special instructions.

16. Claim 28 is rejected under 35 U.S.C. 103(a) as being unpatentable over Savitzky et al. (US Patent No. 6,012,083) as applied to claim 26 above in view of Tonkin (US Patent No. 6,134,568).

Regarding claim 28, Savitzky does not disclose the storage medium wherein instructions for operating the Internet print request while an application is active comprises instructions defining at least one of a word processing program, a database program, a graphics program, or a multimedia program.

However, Tonkin discloses the storage medium wherein instructions for operating the Internet print request while an application is active comprises instructions

defining at least one of a word processing program, a database program, a graphics program (evident in Java applet), or a multimedia program (col. 5, lines 39-52).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made would combine the teachings of Savitzky and Tonkin due to the references disclosing Internet printing systems to allow a user to preview a document prior to assembly to prevent any miscommunication problems that may arise.

Response to Arguments

17. Applicant's arguments filed 4/7/04 have been fully considered but they are not persuasive.

Applicant argues that the Savitzky reference fails to disclose routing the document over the Internet to both the service bureau or an intermediary for printing and transmitting the document to a server associated with the service bureau or an intermediary as recited in claims 1 and 26. The Savitzky reference discloses an intermediary which has been added to claims 1 and 26. To prove that the Savitzky reference discloses this newly added material, the Examiner has placed a detailed explanation below.

As previously referenced in the above rejection of the intermediary device, the Savitzky reference discloses a user accessing an agency 10 (which stands for the claimed service bureau) by a Web server 14. In column 3, lines 1-3, Savitzky states "Although a user might access agency 10 directly, the user **typically accesses** agency 10 by some action taken with a **Web client 12 to access Web server 14.**" In other

words, the client 12 can communicate with the Web server 14 in order to access the agency. For the "routing the document over Internet ..." portion, please refer to claim 1 of this action. Therefore, the Savitzky reference clearly reads on an intermediary.

The Applicant also states that Savitzky fails to disclose the one or more printer routing options is a service bureau. The Savitzky reference discloses displaying (showing) plural printer routing options (printer locations read on plural printer routing options), one of the printer routing options (printer locations) being a service bureau (printer agency 60 reads on service bureau) for printing (col. 13, lines 15-28). In addition to the cited area for that particular limitation, Savitzky also discloses a WebPrinter that can include scanners, printers, facsimiles, and so on (see col. 21, lines 1-20). The "so on" can include (thus reading on) the service bureau.

Previous rejection stands.

Conclusion

18. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashanti Ghee whose telephone number is (703) 306-3443. The examiner can normally be reached on Mon-Thurs and alt. Fri. (7-4PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (703) 305-4863. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



AG

Ashanti Ghee
Examiner
Art Unit 2626



SCOTT ROGERS
PRIMARY EXAMINER

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